

FRW

Attorney's Docket No.: 4735.P005

Patent

In re the Application of: Soma et al.  
(inventor(s))

Application No.: 10/665,970

Filed: September 18, 2003

For: CHARACTERIZATION OF RADIO FREQUENCY (RF) SIGNALS USING WAVELET-BASED PARAMETER EXTRACTION  
(title)

Mail Stop Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR: Transmitted herewith is an Amendment and Response for the above-referenced application.

Applicant claims small entity status. See 37 CFR 1.27.

XX **No additional fee is required.**

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra
Total Claims	* 35	Minus	** 38	0
Indep. Claims	* 7	Minus	*** 7	0
<input type="checkbox"/>	<b>First Presentation of Multiple Dependent Claim(s)</b>			

SMALL ENTITY	
Rate	Additional Fee
X25	\$
X100	\$
+180	\$
Total Add. Fee	\$

OTHER THAN A SMALL ENTITY	
Rate	Additional Fee
X50	\$ 0
X200	\$ 0
+360	\$
Total Add. Fee	\$ 0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

on December 1, 2005  
Date of Deposit

Adrian Villarreal  
Name of Person Mailing Correspondence

[Signature]  
Signature

December 1, 2005  
Date

\_\_\_\_\_ A check in the amount of \$ \_\_\_\_\_ is attached for presentation of additional claim(s).  
\_\_\_\_\_ Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_\_ month(s) pursuant to 37 C.F.R. § 1.136(a).

\_\_\_\_\_ A check for \$ \_\_\_\_\_ is attached for processing fees under 37 C.F.R. § 1.17.

\_\_\_\_\_ Please charge my Deposit Account No. 02-2666 the amount of \$ \_\_\_\_\_.

**A duplicate copy of this sheet is enclosed.**

X \_\_\_\_\_ The Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2666 **(a duplicate copy of this sheet is enclosed):**

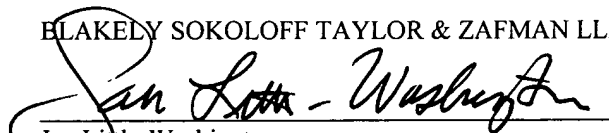
X \_\_\_\_\_ Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.

X \_\_\_\_\_ Any extension or petition fees under 37 C.F.R. § 1.17.

Date: \_\_\_\_\_

12/1/2005

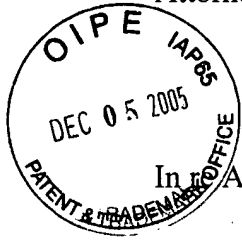
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## Patent



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

Soma et al.

Examiner: Bui, Bryan

Application No.: 10/665,970

Art Unit: 2863

Filed: September 18, 2003

For: CHARACTERIZATION OF RADIO  
FREQUENCY (RF) SIGNALS USING  
WAVELET-BASED PARAMETER  
EXTRACTION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.111 AND 1.121**

Sir or Madam:

In response to the Office Action mailed September 1, 2005, Applicants submit the following Remarks. Claim Amendments begin on page 2 of this paper. Remarks begin on page 8 of this paper. Applicants respectfully request that the Examiner reconsider the application.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendment and consider the following Remarks.